

## A B S T R A C T

A thermoplastic resin sheet is provided which has good penetration resistance over a range from low to high temperature  
5 region and can be used as an intermediate film of a laminated glass.

The thermoplastic resin sheet has such a layered structure that a first polyvinyl acetal resin layer (A) is provided on each side of a second polyvinyl acetal resin layer (B). The  
10 first polyvinyl acetal resin layer (A) is comprised mainly of an acetalized product of polyvinyl alcohol with aldehyde (a) having 4 - 6 carbon atoms. The second polyvinyl acetal resin layer (B) is comprised mainly of a coacetalized product of polyvinyl alcohol with aldehyde (a) having 4 - 6 carbon atoms  
15 and aldehyde (b) having 1 - 3 carbon atoms. A polymer unit (X) derived from the aldehyde (a) and a polymer unit (Y) derived from the aldehyde (b), in total, account for at least 55 % by mole while the first polymer unit (X) alone accounts for 0.5 - 80 % by mole of the total of the coacetalized product.